L. Lynne Kiesling

Department of Economics (mobile)
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West Lafayette, Indiana 47907 SSRN author page: http://ssrn.com/author=240214

Current Appointments

Visiting Associate Professor
Department of Economics, Purdue University August 2017-present

Associate Director
Purdue University Research Center in Economics August 2017-present

Co-Director, Institute for Regulatory Law and Economics,
Purdue University Research Center in Economics June 2018-present

Education

Ph.D. Economics, Northwestern University, December 1993

B.S. *cum laude* Economics, Miami University, May 1987
Phi Beta Kappa, 1987

Leadership and Negotiation Academy for Women,
Tepper School of Business, Carnegie Mellon University September 2017-March 2018

Past Appointments

Associate Professor of Instruction
Department of Economics, Northwestern University September 2010-August 2017

Director, Electricity Policy Program, Searle Center on Law,
Regulation, and Economic Growth, Northwestern University September 2016-August 2017

Associate Director, Institute for Regulatory Law and Economics,
Silicon Flatirons Program, University of Colorado Law School September 2016-June 2018

Visiting Senior Lecturer (sabbatical)
Department of Political Economy, King's College London September 2014-March 2015

Senior Lecturer, Social Enterprise at Kellogg (SEEK) Program,
Kellogg School of Management, Northwestern University September 2007-August 2011

Senior Lecturer
Department of Economics, Northwestern University September 2001-August 2010

Research Scholar, Director, Center for Applied Energy Research
Interdisciplinary Center for Economic Science at
George Mason University October 2003-October 2006

Director of Economic Policy, Reason Foundation January 2001-September 2003

Visiting Associate Professor
Department of Economics, Northwestern University September 2000-September 2001

Manager, International Economics, PricewaterhouseCoopers January 1997-January 2000

Assistant Professor of Economics, College of William and Mary August 1992-December 1996

Peer Reviewed Publications

Kiesling, Lynne. 2018. "Toward a Market Epistemology of the Platform Economy." *Advances in Austrian Economics* 23: 45-70.

Kiesling, Lynne. 2016. "Implications of Smart Grid Innovation for Organizational Models in Electricity Distribution," in Chen-Ching Liu, Stephen McArthur, and Seung-Jae Lee, eds., *Wiley Smart Grid Handbook*. London: Wiley.

Boffa, Federico, and Lynne Kiesling. 2016 "Competitive Joint Venture Ownership of Networks as an Alternative to Regulation," in Arnold Picot, Massimo Florio, Nico Grove, and Johan Kranz, eds., *The Economics of Infrastructure Provisioning: The (Changing) Role of the State*. MIT Press.

Kiesling, Lynne. 2016 "The Connected Home and an Electricity Market Platform for the Twenty-First Century," *Independent Review* 20(3): 405-409.

Kiesling, Lynne, and Mark Silberg. 2015. "Regulation, Innovation, and Experimentation: The Case of Residential Rooftop Solar," *Annual Proceedings of the Wealth and Well-Being of Nations* Volume VI.

Kiesling, Lynne. 2014. "Incumbent Vertical Market Power, Experimentation, and Institutional Design in the Deregulating Electricity Industry," *Independent Review* 19(2): 239-264.

Kiesling, Lynne. 2012. "Mirror Neuron Research and Adam Smith's Concept of Sympathy: Three Points of Correspondence," *Review of Austrian Economics* 25(4): 299-313.

Kiesling, Lynne. 2012. "Regulation's Effect on Experimentation in Retail Electricity Markets," *Annual Proceedings of the Wealth and Well-Being of Nations* Volume IV.

Kiesling, Lynne, Daniel Seltzer, Laurie Zoloth, and Cristina Trainer. 2011. "Paved with Good Intentions: Rethinking the Ethics of ELSI Research," *Journal of Research Administration* 42.2: 15-18.

Kiesling, Lynne. 2010. "The Knowledge Problem, Learning, and Regulation: How Regulation Affects Technological Change in the Electric Power Industry," *Studies in Emergent Order* 3: 149-171.

Kiesling, Lynne. 2010. "Promoting Innovation in the Electricity Industry," *Economic Affairs* (June): 6-12.

Chassin, David, and Lynne Kiesling. "Decentralized Coordination through Digital Technology, Dynamic Pricing, and Customer-Driven Control: The GridWise Testbed Demonstration Project," *Electricity Journal* 21: 51-59.

Giberson, Michael, Lynne Kiesling, and Evens Salies. "L'électricité, est-elle un bien public?" *Révue de l'OFCE* 101.

Kiesling, Lynne, and Bart Wilson. 2007. "An Experimental Analysis of the Effects of Automated Mitigation Procedures on Investment and Prices in Wholesale Electricity Markets," *Journal of Regulatory Economics* 31: 313-334.

Kiesling, Lynne. 2005. "Using Economic Experiments to Test Electricity Policy," *Electricity Journal* 18: 43-50.

Giberson, Michael, and Lynne Kiesling. 2004. "Analyzing the Blackout Report's Recommendations: Alternatives For A Flexible, Dynamic Grid," *Electricity Journal* 17: 51-59.

Kiesling, Lynne. 2004. "The North American Blackout and Electricity Policy: Alternatives to Transmission Construction," *Economic Affairs* 24: 53-57.

Kiesling, Lynne, and Brian Mannix. 2003. "Standard Market Design in Wholesale Electricity Markets: Can FERC's Proposed Structure Adapt to the Unknown?" *Electricity Journal* 16: 11-19.

Haddock, David, and Lynne Kiesling. 2002. "The Black Death and Property Rights." *Journal of Legal Studies* XXXI(2).

Kiesling, Lynne. 1997. "The Long Road to Recovery: Post-Crisis Coordination of Private Charity and Public Relief in Victorian Lancashire." *Social Science History* 21: 219-244.

Margo, Robert, and Lynne Kiesling. 1997. "Explaining the Rise in Antebellum Pauperism, 1850-1860: New Evidence." *Quarterly Review of Economics and Finance* 37: 405-417.

Kauffman, Kyle, and Lynne Kiesling. 1997 "Was There a Welfare Magnet in the Nineteenth Century? Preliminary Results from New York City and Brooklyn." *Quarterly Review of Economics and Finance* 37: 439-448.

Kiesling, Lynne. 1996. "Institutional Choice Matters: The Poor Law and Implicit Labor Contracts in Victorian Lancashire," *Explorations in Economic History* 33: 65-85.

Kiesling, Lynne. 1995. "Collective Action and Assisting the Poor: The Political Economy of Income Assistance during the Lancashire Cotton Famine," *Journal of Economic History* 55: 380-383 (dissertation summary from Gerschenkron Prize nomination).

Published Books

Kiesling, Lynne. 2008. *Deregulation, Innovation, and Market Liberalization: Electricity Restructuring in a Constantly Evolving Environment*. Routledge Studies in Business Organizations and Networks. London: Routledge.

Published Books – Edited

Greif, Avner, Lynne Kiesling, and John V. C. Nye, editors. *Institutions, Innovation, and Industrialization: Essays in Economic History and Development*. Princeton University Press, 2015

Kiesling, Lynne, and Andrew N. Kleit, editors. *Electricity Restructuring: The Texas Experience*, Washington, DC: AEI Press, 2009

Book Chapters, Review Articles, Encyclopedia Entries, and Other Publications

Kiesling, Lynne. 2016. "Organizational Form and the Wires," in Sebastian Eyre and Michael Pollitt, eds., *Competition and Regulation in Electricity Markets*. International Library of Critical Writings in Economics. London: Edward Elgar.

Kiesling, Lynne. 2016. "Responsibility and the Environment," in Tom Palmer, ed., *Self Control or State Control? You Decide*. Ottawa, IL: Jameson Books.

Kiesling, Lynne. 2015. "Knowledge Problem," in Peter Boettke and Christopher Coyne, eds., *Oxford Handbook of Austrian Economics*, Oxford, UK: Oxford University Press.

Greif, Avner, Lynne Kiesling, and John V. C. Nye. 2015. "Introduction," in Avner Greif, Lynne Kiesling, and John V. C. Nye, eds., *Institutions, Innovation, and Industrialization: Essays in Economic History and Development*. Princeton University Press.

Kiesling, Lynne. 2014. "Energy Policy," in Timothy C. Haab and John C. Whitehead, eds., *Environmental and Natural Resource Economics: An Encyclopedia*. Santa Barbara: Greenwood Press.

Kiesling, Lynne, and Andrew Kleit. 2009. "Introduction," in Lynne Kiesling and Andrew Kleit, eds., *Electricity Restructuring: The Texas Story*. Washington, DC: AEI Press.

Kiesling, Lynne. 2009. "Retail Restructuring and Market Design in Texas," in Lynne Kiesling and Andrew Kleit, eds., *Electricity Restructuring: The Texas Story*. Washington. DC: AEI Press.

Kiesling, Lynne. 2009. "Markets, Technology and Institutions: Increasing Energy Efficiency Through Decentralized Coordination," *Project Energy Code*. EcoAlign paper series, Issue 2.

Busch, G., J. Kelly, L. Kiesling, C. Peterson, and C. Thomas. 2009. *Empowering Consumers Through A Modern Electric Grid*. Illinois Smart Grid Initiative final report.

Kiesling, Lynne. 2008. "Achieving Decentralized Coordination in the Electric Utility Industry," *The Utilities Project*, Volume 8.

D. Hammerstrom, Ambrosio, R., Brous, J., Carlon, T., Chassin, D., DeSteese, J., Guttromson, R., Horst, G., Järregren, O., Kajfasz, R., Katipamula, S., Kiesling, L., Le, N., Michie, P., Oliver, T., Pratt, R., Thompson, S., and Yao, M. 2007. *Pacific Northwest GridWise™ Testbed Demonstration Projects, Volume I: The Olympic Peninsula Project*. Technical Report to the U.S. Department of Energy.

Giberson, Michael, and Lynne Kiesling. 2007. "Post-Blackout Transmission Policy: A Dynamic 21st-Century Grid," in Andrew Kleit, ed., *Electric Choices: Deregulation and the Future of Electric Power*. Rowman and Littlefield.

Kiesling, Lynne. 2007. "The Role of Retail Pricing in Electricity Restructuring," in Andrew Kleit, ed., *Electric Choices: Deregulation and the Future of Electric Power*. Rowman and Littlefield.

Kiesling, Lynne, and Vernon L. Smith. 2005. *A Market-Based Model for ISO-Sponsored Demand Response Programs*. Center for the Advancement of Energy Markets-Distributed Energy Financial Group Study.

Kiesling, Lynne, and Adrian Moore. 2002. "Institutional Change and Contestability: Electricity Transmission Policy, Technology, and Entry Barriers." *Proceedings of the U.S. Association of Energy Economics*.

Kiesling, Lynne. 2003. "Adam Smith," in Joel Mokyr, ed., *Oxford Encyclopedia of Economic History*. Oxford University Press.

Kiesling, Lynne. 2003. "Contract Enforcement Through History," in Joel Mokyr, ed., *Oxford Encyclopedia of Economic History*. Oxford University Press.

Kiesling, Lynne. 2003. "The History of Energy Regulation," in Joel Mokyr, ed., *Oxford Encyclopedia of Economic History*. Oxford University Press.

Working Papers and Ongoing Research Projects

"From Airbnb to Solar: Toward a Transaction Cost Model of a Retail Electricity Distribution Platform." Manuscript, August 2018. Joint with Michael Munger and Alexander Theisen. *Presented at*: British Institute of Energy Economics, Midwest Economic Association, College of Charleston, Tilburg University Law & Economics Center, Workshop on Governance in Data-Driven Industries, Property & Environment Research Center Energy Research Workshop. *Earlier versions presented at*: Boston University Platform Symposium, Public Choice Society, King's College London, University of Cambridge.

"Innovation, Interconnection, and Institutions: Evolving Electric Power Systems in the Early 20th Century." Manuscript, July 2017. Joint with Karen Clay. *Presented at*: Public Choice Society, Searle Center at Northwestern University Energy Research Roundtable, Society for Institutional & Organizational Economics, Property & Environment Research Center Lone Mountain Fellow Workshop, Property & Environment Research Center Energy Research Workshop.

Direction and Co-Direction of Workshops, Conferences, and Events

Economic Ideas Forum featuring Douglas Irwin (Dartmouth College), Purdue University, April 18, 2019

Research Roundtable, "Energy Regulation, Technology, and Transaction Costs: Cross-Cutting Perspectives," Searle Center on Law, Regulation, and Economic Growth at Northwestern University, November 1-2, 2018

Institute for Regulatory Law & Economics Workshop (for state utility regulatory commissioners and staff), October 12-16, 2018

Economic Ideas Forum featuring James Heckman (University of Chicago), Purdue University, April 19, 2018

The Narrow Corridor to Liberty (Daron Acemoglu & James Robinson) Book Manuscript Conference, Center for Economic History at Northwestern University, March 9-10 2018 (co-directed with Joel Mokyr)

Research Roundtable, "Energy Regulation, Technology, and Transaction Costs: Cross-Cutting Perspectives," Searle Center on Law, Regulation, and Economic Growth at Northwestern University, November 16-17, 2017

The Greatest Economic Experiment Ever: The Economic Consequences of the October Revolution, Center for Economic History at Northwestern University, November 3-4 2017 (co-directed with Joel Mokyr)

Energy Research Workshop, "Property Rights, Innovation, and the Structures of Energy: Firm Structure, Market Structure, and Infrastructure," Property and Environment Research Center, August 11-12, 2017 (co-directed with Timothy Fitzgerald)

Northwestern Electricity Dialogue, Searle Center on Law, Regulation, and Economic Growth at Northwestern University, April 2015, April 2016, April 2017 (co-directed with Edward Garvey)

Research Roundtable, "Energy Regulation, Technology, and Transaction Costs: Cross-Cutting Perspectives," Searle Center on Law, Regulation, and Economic Growth at Northwestern University, November 3-4, 2016

Energy Research Workshop, "Innovation, Decentralization, and Regulation in Energy Markets," Property and Environment Research Center, July 29-30, 2016

Innovation, Entrepreneurship, and Networks: Freedom and Individuals, Liberty Fund Conference, January 14-17, 2016 (co-directed with Dominique Lazanski)

Research Roundtable, "Energy, Technology, and Institutions," Searle Center on Law, Regulation, and Economic Growth at Northwestern University, June 2009

Professional Leadership

Electricity Markets Working Group facilitator, NextGrid Initiative, Illinois Commerce Commission, 2018-2019

Executive Committee member, Public Choice Society, 2017-present
Director of Graduate Student Programs, 2017-present

Smart Grid Advisory Committee member, National Institute of Standards & Technology, August 2017-present

Executive Board member (elected), Society for the Development of Austrian Economics, 2015-2017

Council Member (elected), U.S. Association of Energy Economics, September 2009-September 2011

GridWise Architecture Council Member, May 2005-January 2010 (*emerita* member, 2010-present)
Co-Chair, GridWise Architecture Council-National Institute of Standards & Technology Business & Policy Domain Expert Working Group, November 2008-January 2010
Conference Co-Chair, GridEcon conference, March 2009

Illinois Smart Grid Initiative, project team member and facilitator, May 2008-October 2008

Conference Program Committee, International Society for New Institutional Economics (now Society for Institutional and Organizational Economics), 2007

Strategy Committee, U.S. Association of Energy Economics, August 2005-August 2006

Conference Co-Chair, U.S. Association of Energy Economics, 2006

Policy Research and Analysis

Kiesling, Lynne. 2016. *Alternatives to Net Metering: Grid Services Rate Design for Decentralized Electricity Markets*. R Street Institute Policy Paper, February.

Kiesling, Lynne. 2015. *Power Up: The framework for a new era of UK energy distribution*. Adam Smith Institute Policy Paper, October.

Kiesling, Lynne. 2015. *A Prosperous and Cleaner Future: Markets, Innovation, and Electricity Distribution for the 21st Century*. Conservation Leadership Council Policy Paper, June.

Kiesling, Lynne, Scott Freifeld, and Matthew McCormick. 2003. *A Federal Ethanol Mandate: Is It Worth It?* Policy Study 315, Reason Public Policy Institute, November.

Kiesling, Lynne. 2003. *Movin' Juice: Making Electricity Transmission More Competitive.* Policy Study 314, Reason Public Policy Institute, August.

Kiesling, Lynne, and Brian Mannix. 2002. *Standard Market Design in Wholesale Electricity Markets: Can FERC's Proposed Structure Adapt to the Unknown?* Policy Study 301, Reason Public Policy Institute, November.

Kiesling, Lynne. 2002. *National Energy Policy: In Need of a More Dynamic Approach.* Institute for Research on the Economics of Taxation Congressional Advisory 135, September.

Becker, Joe, and Lynne Kiesling. 2002. *Russia's Role in the Shifting World Oil Market.* Policy Brief, Caspian Studies Program, Harvard University, May.

Kiesling, Lynne. 2001. *Getting Electricity Deregulation Right: How Other States and Nations Have Avoided California's Mistakes.* Policy Study 281, Reason Public Policy Institute.

Kiesling, Lynne, and Adrian Moore. 2001. *Powering Up California: Policy Alternatives for the California Energy Crisis.* Policy Study 280, Reason Public Policy Institute, February.

Op-Ed and Popular Writing

Owner, Editor, Knowledge Problem web site (www.knowledgeproblem.com, Twitter @knowledgeprob), June 2002-present

Giberson, Michael, and Lynne Kiesling. 2017. "The Need for Electricity Retail Market Reforms," *Regulation* 40(3-4): 34-40, Fall.

Kiesling, Lynne, and Dick Munson. 2016. *A Revolution in Power: Where We've Come from, Where We're Headed.* Electricity Policy, September.

Kiesling, Lynne. 2008. "Dynamic Pricing is Smart Grid's Secret Sauce," *Smart Grid Newsletter*, May 13.

Kiesling, Lynne, and Vernon L. Smith. 2003. "Socket to California: Preventing Another Energy Crisis," *Wall Street Journal*, October 28, 2003.

Kiesling, Lynne, and Vernon L. Smith. 2003. "Demand, Not Supply," *Wall Street Journal*, August 20, 2003.

Kiesling, Lynne. 2002. "The Market Laboratory," *Wall Street Journal*, October 10, 2002

Book Reviews

Knowledge and Coordination: A Liberal Interpretation, Daniel B. Klein. *Review of Austrian Economics*, 2015

U.S. Energy Policy and the Pursuit of Failure, Peter Z. Grossman. *Independent Review* 2014

The Not-So Wild West, Terry Anderson and Peter J. Hill. *Pacific Northwest Quarterly*, 2005

Energy and the Rise and Fall of Political Economy, Bernard Beaudreau. *Technology and Culture* 2003

Bowling Alone, Robert Putnam. *Cato Journal* 2000

Escape from the Market, Michael Huberman. *Journal of Economic History* 1998

Public Goods and Private Communities: The Market Provision of Social Services, Fred Foldvary. *Independent Review* 1996

Patterns of European Industrialization, R. Sylla and G. Toniolo, editors. *Business History Review* 1996

The European Economy 1750-1914: A Thematic Approach, D. Aldcroft and S. Ville, editors. *Business History Review* 1996

Prices, Food and Wages in Scotland 1550-1780, A. J. S. Gibson and T. C. Smout. *Journal of Economic History* 1995

Capitalism in Context: Essays on Economic Development and Cultural Change in Honor of R. M. Hartwell, John James and Mark Thomas, editors. *Journal of Economic History* 1995

Industry, Business and Society in Scotland Since 1700, A. J. G. Cummings and T. M. Devine, editors. *Albion* 1995

The Great Highland Famine: Hunger, Emigration and the Scottish Highlands , T. M. Devine. *Albion* 1993

Departmental Research Presentations (since 2004)

Department of Economics, College of Charleston; Property & Environment Research Center Lone Mountain Fellow Workshop; Department of Political Economy, King's College London; Energy Policy Research Group, University of Cambridge; Department of Economics, San Jose State University; Ostrom Workshop in Political Theory and Policy Analysis, Indiana University; Technology and Policy Development group, Pacific Northwest National Laboratory; Université de Paris-Sud; Purdue University; West Virginia University; Interdisciplinary Center for Economic Science at George Mason University, Federal Reserve Bank of Dallas.

Selected Conference Presentations (since 2004)

British Institute of Energy Economics; Midwest Economics Association; Public Choice Society; Searle Center at Northwestern University, Energy Research Roundtable; Tilburg University Law & Economics Center, Workshop on Governance in Data-Driven Industries; Property & Environment Research Center Energy Research Workshop; Society for Institutional and Organizational Economics; Southern Economic Association, November 2016; Boston University Platform Symposium; Public Choice Society, March 2015; Economics for Energy Conference, Fundacion Ramon Areces, Madrid, Spain; International Society for New Institutional Economics; Society for the Development of Austrian Economics; International Association of Energy Economics; Harvard Electricity Policy Group; Dynamics & Complexity in People & Society Workshop, Northwestern University; Carnegie Mellon University Electricity Conference; Modern Grid Initiative Grid Modernization Summit; U.S. Association for Energy Economics conference; International Industrial Organization Conference; MIT Center for Energy and Environment Policy Research; Northwestern Institute on Complex Systems; Federal Energy Regulatory Commission Technical Conference on Capacity Markets in PJM; Global Energy Management Institute-University of Houston; International Energy Agency; University of Notre Dame Energy and Ethics Conference; Pacific Northwest National Laboratory Summer Study Session; U.S. Association of Energy Economics; Mexican Energy Commission.

Invited Speeches and Presentations (since 2005)

Cato University-Economics, October 2018: "Spontaneous Order," "Markets and the Environment," "Knowledge Problem".

"From Airbnb to Solar: Toward a Transaction Cost Model of a Retail Electricity Market Platform," Adam Smith Institute (UK), September 2018 (video link)

"The Knowledge Problem and the Environment," Property & Environment Research Center Student Colloquium, June 2018

"Adam Smith's Relevance to Digital Innovation and the Platform Economy," Adam Smith Week, College of Charleston, March 2018 (video link)

"Adam Smith's Influence on Nobel Laureates: Ronald Coase," Panel Discussion, Adam Smith Week, College of Charleston, March 2018 (video link)

"From Airbnb to Solar: How Digital Technologies and Platforms are Transforming the Electricity Industry," Ball State University, February 2018

Cato University-Economics, July 2017: "Spontaneous Order," "Markets and the Environment," "Knowledge Problem".

"Decentralized Markets and Innovation in Electricity: Smart Grid and Renewable Resources," Classical Liberalism Speaker 2016-2017, Whitman College, March 2017

"Transactive Energy and the Internet of Things Around the Electricity Distribution Edge," Northwestern University Office of Research Development, Launching Interdisciplinary Connections series, February 2017

"Regulation and Innovation: The Case of Electricity," Mercatus Center Bastiat Fellows seminar, February 2017

"The Political Economy of the 'Utility of the Future'," Strata Ph.D. Summit, Utah State University, January 2017

"Regulation and Innovation: The Case of Electricity," Property & Environment Research Center Student Colloquium, June 2016

"Transactive Energy," Electricity Advisory Committee, U.S. Department of Energy, June 2016

"Regulation and Innovation: The Case of Electricity," guest speaker, PPE class, Prof. Michael Munger, Duke University, November 2015 (video link)

"Regulation and Innovation: The Case of Electricity," Property & Environment Research Center Student Colloquium, June 2015

"Can Vertical Disintegration, Deregulation, and Innovation Be a Win, Win, Win for Electricity Markets?" Michael Beesley Memorial Lecture, Institute of Economic Affairs (UK), November 2014

"Understanding the Effects of 20th Century Regulation on 21st Century Experimentation in Electricity Markets," Upton Forum, Beloit College, November 2014

"How Markets Benefit the Environment," International Students for Liberty Conference, February 2014

"Adam Smith and Jane Austen: Themes of Design and Control in *Emma*," International Students for Liberty Conference, February 2014

"Regulation and Experimentation in the Electricity Industry," Michigan State University, September 2013

"Knowledge Problem," Students for Liberty Chicago Regional Conference, November 2012

"Regulation, Competition, and New Technology Adoption: Applying the Bell Doctrine to Retail Electricity Markets," Great Lakes Symposium on Smart Grid, Illinois Institute of Technology, September 2012

"Regulation's Effect on Experimentation in Retail Electricity Markets," Upton Forum, Beloit College, October 2011

"Beneficial Complexity," Students for Liberty Chicago Regional Conference, October 2011

"Electricity Regulation, Policy, and Innovation," Summer Institute on Sustainability and Energy, University of Illinois-Chicago, August 2011

"Promoting Innovation in the Electricity Industry," campus lecture, Berry College, November 2010

"Promoting Innovation in the Electricity Industry," campus lecture, St. Lawrence University, April 2010

"Economics, Technology, and Smart Grid Policy," Lifelong Learners Course Series, Northwestern University, October 2009

"Promoting Innovation in the Electricity Industry," Michael Beesley Memorial Lecture, Institute of Economic Affairs (UK), October 2009

"Electricity Restructuring in Texas." Mercatus Center Staff Retreat for Texas Legislative Staff, July 2008

"Retail Dynamic Pricing and Enabling Technologies in the Electric Power Industry: Applying Complexity Principles to Policy." Northwestern Institute for Complex Systems Faculty Luncheon, Northwestern University, March 2008

"Technological Change and the Electric Power Network," Foundation for Research on Economics and the Environment, Economics, Energy, and the Law Workshop, July 2007

"The Interaction of Regulation, Markets, and Technology: Consumer Empowerment in the Electric Utility Industry," Moor Lecture Series, Capital University, March 2007

"The Interaction of Regulation, Markets, and Technology: Consumer Empowerment in the Electric Utility Industry," Clarke Forum Speaker Series, Dickinson College, February 2007

"Experimental Economics for Demand Response Market Design and Education," Midwest Demand Response Initiative, February 2007

"Experimental Economics and Electric Power Market Design Research in the U.S.," École Supérieure d'Éléctricité (Supélec), April 2005

Professional Service and Other Activities

Member, Academic Advisory Board, Institute for Regulatory Law and Economics, 2003-present

Member, Academic Advisory Council, Institute of Economic Affairs (UK), 2003-present

Faculty member, Institute for Regulatory Law & Economics, 2004-present

Senior Fellow, R Street Institute, 2015-present

Senior Fellow, Fraser Institute, 2013-present

Senior Fellow, Reason Foundation, 2003-present

Peer Review Board member, Illinois Science & Energy Innovation Foundation, 2013-present

Referee, *Review of Economics and Statistics*, *Journal of Regulatory Economics*, *American Law and Economics Review*, *Southern Economic Journal*, *Public Choice*, *International Journal of Industrial Organization*, *Energy Journal*, IEEE *Transactions on Power Systems*, *Energy Policy*, *European Economic Review*, *Independent Review*, *Review of Austrian Economics*, *Journal of Economic Behavior and Organization*, *Journal of Institutional Economics*, *Adam Smith Review*, *Technology & Culture*, *Discrete Applied Mathematics*, *Neuroethics*, *Journal of Economic History*, *American Journal of Sociology*

Grant proposal reviewer, National Science Foundation

Book manuscript reviewer, Princeton University Press, Cambridge University Press, Oxford University Press, W. W. Norton, McGraw-Hill, Lexington Books

Graduate Research Fellowship panel reviewer, National Science Foundation, 2014-2015

Faculty Coordinator, Lifelong Learners lecture series, Northwestern University, September 2009-December 2009

Research proposal technical reviewer, U.S. Department of Energy, 2007, 2009

Faculty member, Pacific Northwest National Lab Summer Study Session on Electric Power Markets, 2004

Faculty member, Mercatus Center Congressional Chief of Staff Retreat, 2004

Faculty member, Institute for Humane Studies Social Change Graduate Workshop, 2003, 2004

Faculty member, Ronald Coase Institute Workshop on Institutional Analysis, 2002, 2003

Faculty member, with Vernon Smith and Bart Wilson, The Economics of Electricity Markets, Federal Energy Regulatory Commission staff education, July 2002

Instructor, Institute for Humane Studies summer seminars, 1994-1996, 2002-2010, 2013

Awards and Honors

Lone Mountain Fellowship, Property & Environment Research Center, 2017

Invited Classical Liberalism Speaker 2016-2017, Whitman College

Institute for Sustainability and Energy at Northwestern (ISEN) Booster Grant, 2014-2015

Philosophy, Politics, and Economics (PPE) Speaker Series grant, Charles G. Koch Foundation, 2013-2014

Undergraduate reading group grant, Charles G. Koch Foundation, 2011, 2012, 2013

Research grant, Searle Center on Law, Regulation, and Economic Growth, Northwestern University, 2008

Research grant, Searle Fund for Policy Research, 2003-2004, 2004-2005, 2006-2007

Research grant, International Foundation for Research in Experimental Economics, 2003, 2005, 2006

Visiting Scholar, Northwestern University, Summer 1995

College of William and Mary Summer Research Grant, Summer 1994, Summer 1995

Gerschenkron Prize nominee, Economic History Association, 1994

Cole Grant-in-Aid, Economic History Association, June 1994

Visiting Research Fellow, University of Manchester (UK), Summer 1994

Claude R. Lambe Fellowship, Institute for Humane Studies, 1990-1991, 1991-92

Summer Research Fellowship, Institute for Humane Studies, 1990

Northwestern University Dissertation Year Grant, 1990-91

Submitted Regulatory Comments and Expert Testimony

Submitted Testimony to Illinois Commerce Commission on behalf of the Citizens Utility Board in *Commonwealth Edison Proposed General Increase in Electric Rates*, Docket No. 07-0566, (rebuttal testimony) April 2008

Submitted Testimony to Illinois Commerce Commission on behalf of the Citizens Utility Board in *Commonwealth Edison Proposed General Increase in Electric Rates*, Docket No. 07-0566, February 2008

Submitted Testimony to New York Public Service Commission (with Andrew N. Kleit) on behalf of Direct Energy in *Proceeding on Motion of the Commission as to Policies, Practices and Procedures For Utility Commodity Supply Service to Residential and Small Commercial and Industrial Customers*, Case 06-M-1017, December 2006

Submitted Testimony in Illinois Commerce Commission review of *Commonwealth Edison Company Proposed Revisions to Rate BES-H Basic Electric Service Hourly Energy Pricing* on behalf of the Citizens Utility Board, ICC Docket No. 06-0617, October 2006

Submitted Testimony in New York Public Service Commission (with Andrew N. Kleit) rate review case on behalf of Direct Energy Services, Case No. 05-E-1222, March 2006

An Analysis of Electricity Capacity Markets in California. Testimony in response to California Public Utility Commission White Paper on Capacity Markets, September 2005

PJM Capacity Market Design. Federal Energy Regulatory Commission, Technical Conference on the Capacity Construct Used in the PJM Region, June 2005

Public Interest Comment on Midwest ISO Proposal Concerning Reactive Power Procurement, submitted to Federal Energy Regulatory Commission. Mercatus Center at George Mason University, July 2004 (joint with Michael Giberson)

Undergraduate Teaching, Advising, and Administration (since 2000)

History of Economic Thought video channel

Purdue University
Energy Economics
History of Economic Thought
Freshman Seminar: The Marketplace of Ideas

Northwestern University
Introduction to Microeconomics
Monopoly, Competition, and Public Policy

Environmental and Natural Resource Economics
History of Economic Thought
Western Economic History
Institute for Sustainability and Energy at Northwestern (ISEN): Climate Change and Sustainability: Economic and Ethical Dimensions (team-taught)
Interim Director, Environmental Policy & Culture program, Northwestern University, 2013-2014
Introduction to Environmental and Natural Resource Economics
Introduction to Macroeconomics
Freshman Adviser, Weinberg College of Arts & Sciences, Northwestern University, 2004-2013
Freshman Seminar: Economics of Innovation and Technological Change: Fall 2012, Fall 2013
Freshman Seminar: Complexity and Economics: Growth, Technology, Networks, and Adaptation: Fall 2010, Fall 2011
Freshman Seminar: Adam Smith and the Scottish Enlightenment: Fall 2009
Freshman Seminar: Economics of Energy Markets: Fall 2004, Fall 2005, Fall 2006, Fall 2007, Fall 2008

Graduate Teaching, Northwestern University

Environmental Management and Sustainability, Kellogg School of Management, Fall 2007, Spring 2008, Fall 2008, Winter 2010
Sustainability Lab, Kellogg School of Management, Spring 2009, Spring 2010, Spring 2011

Campus Service, Northwestern University

Phi Beta Kappa, Alpha of Illinois chapter
    Treasurer, September 2012-August 2017
    Membership selection committee, 2010-August 2017
Program Committee Member, Chicago Field Studies program, September 2015-August 2017
Faculty Adviser, Northwestern University Triathlon Team (club sport), September 2007-August 2017
Program Committee Member, Environmental Science program, September 2013-September 2014
Working group on enterprise website coordination and integration, November 2012-June 2013